# Review of: "Determining Affinity of Social Network using Graph Semirings"

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Potential competing interests: No potential competing interests to declare.

1. The abstract requires improvement in its clarity, conciseness, and presentation of key elements. It initially introduces the "Facebook friendship network" example without explicitly stating the research problem or objective, which could be made more explicit. Additionally, it references the use of a graph and its operations but lacks details regarding their application and the novelty or relevance of this approach. A brief overview of the methodology would enhance understanding.
2. A better approach would be to start the "2.1 Algorithm" section with a brief introductory paragraph that explains the algorithm's purpose, its importance in the context of the research, and how the table relates to the algorithm. This will make the content more accessible and engaging for the reader.
3. we suggest for authors o change the figure address to be”The graph of of Facebook friendships”. Also do the same with other figures.
4. The paper does not discuss or compare the proposed algorithm with existing methods or techniques in the field. Including a comparison with other algorithms would help assess the effectiveness of the proposed solution.
5. We kindly recommend considering the inclusion of a dedicated conclusion section to provide a comprehensive closure to the article you have presented. A well-structured conclusion can effectively summarize the key findings, contributions, and implications discussed in the article.
6. The references are quite old (e.g., Deo, N.,1974 ). Consider updating the references with more recent and relevant studies.
7. Using only ten references in a research paper can be acceptable depending on the circumstances, but it can also have some drawbacks for  example it might mean that you've missed relevant research that could have strengthened your paper. This can weaken your overall argument and the depth of your analysis.